

Count	Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
1	Structures of pahayokolides A and B, cyclic peptides from a <i>Lyngbya</i> sp.	An T, Kumar TK, Wang M, Liu L, Lay JO Jr, Liyanage R, Berry J, Gantar M, Marks V, Gawley RE, Rein KS	J Nat Prod (2007 May)	70 / 730-5	PubMed Citation ↗
2	Release of arsenic to the environment from CCA-treated wood. 2. Leaching and speciation during disposal...	Khan, Bernine I, Jambeck, Jenna, Solo-Gabriele, Helena M, Townsend, Timothy G, Cai, Yong	Environ Sci Technol (2006 Feb 1)	40 / 994-9	PubMed Citation ↗
3	Arsenic transport and transformation associated with MSMA application on a golf course green.	Feng, Min, Schrlau, Jill E, Snyder, Raymond, Snyder, George H, Chen, Ming, Cisar, John L, Cai, Yong	J Agric Food Chem (2005 May 4)	53 / 3556-62	PubMed Citation ↗
4	Mechanistic study and the influence of oxygen on the photosensitized transformations of microcystins...	Song, Weihua, Bardowell, Sabrina, O'Shea, Kevin E	Environ Sci Technol (2007 Aug 1)	41 / 5336-41	PubMed Citation ↗
5	Ultrasonically induced degradation of microcystin-LR and -RR: identification of products, effect of ...	Song, Weihua, de la Cruz, Armah A, Rein, Kathleen, O'Shea, Kevin E	Environ Sci Technol (2006 Jun 15)	40 / 3941-6	PubMed Citation ↗
6	Extraction of arsenate and arsenite species from soils and sediments.	Georgiadis, Myron, Cai, Yong, Solo-Gabriele, Helena M	Environ Pollut (2006 May)	141 / 22-9	PubMed Citation ↗
7	Species-specific testicular and hepatic microsomal metabolism of benzo(a)pyrene, an ubiquitous toxicant.	Smith TL, Merry ST, Harris DL, Joe Ford J, Ike J, Archibong AE, Ramesh A	Toxicol In Vitro (2007 Jun)	21 / 753-8	PubMed Citation ↗
8	Adsorption and photocatalyzed oxidation of methylated arsenic species in TiO ₂ suspensions.	Xu, Tielian, Cai, Yong, O'Shea, Kevin E	Environ Sci Technol (2007 Aug 1)	41 / 5471-7	PubMed Citation ↗
9	Fluorescent sensing and selective Pb(II) extraction by a dansylamide ion-exchanger.	Kavallieratos, Konstantinos, Rosenberg, Jay M, Chen, Wei-Zhong, Ren, Tong	J Am Chem Soc (2005 May 11)	127 / 6514-5	PubMed Citation ↗

10	Investigation of disulfonamide ligands derived from o-phenylenediamine and their Pb(II) complexes by... 	Zhang, Weihua, Cai, Yong, Kavallieratos, Konstantinos	Rapid Commun Mass Spectrom (2006)	20 / 303-8	PubMed Citation ↗
11	Release of arsenic to the environment from CCA-treated wood. 1. Leaching and speciation during servi... 	Khan BI, Solo-Gabriele HM, Townsend TG, Cai Y	Environ Sci Technol (2006 Feb 1)	40 / 988-93	PubMed Citation ↗
12	A mass balance approach for evaluating leachable arsenic and chromium from an in-service CCA-treated... 	Shibata T, Solo-Gabriele HM, Fleming LE, Cai Y, Townsend TG	Sci Total Environ (2007 Jan 1)	372 / 624-35	PubMed Citation ↗
13	Pharmacology and toxicology of pahayokolide A, a bioactive metabolite from a freshwater species of L... 	Berry, John P, Gantar, Miroslav, Gawley, Robert E, Wang, Minglei, Rein, Kathleen S	Comp Biochem Physiol C Toxicol Pharmacol (2004 Dec)	139 / 231-8	PubMed Citation ↗
14	Ultrasonically induced degradation and detoxification of microcystin-LR (cyanobacterial toxin). 	Song W, Song W, Teshiba T, Teshiba T, Rein K, Rein K, O'Shea KE, O'Shea KE	Environ Sci Technol (2005 Aug 15)	39 / 6300-5	PubMed Citation ↗
15	Localization of polyketide synthase encoding genes to the toxic dinoflagellate <i>Karenia brevis</i> . 	Snyder, Richard V, Guerrero, Maria A, Sinigalliano, Christopher D, Winshell, Jamie, Perez, Roberto, Lopez, Jose V, Rein, Kathleen S	Phytochemistry (2005 Aug)	66 / 1767-80	PubMed Citation ↗
16	Interactions of arsenic and the dissolved substances derived from turf soils. 	Chen Z, Cai Y, Solo-Gabriele H, Snyder GH, Cisar JL	Environ Sci Technol (2006 Aug 1)	40 / 4659-65	PubMed Citation ↗
17	The zebrafish (<i>Danio rerio</i>) embryo as a model system for identification and characterization of deve... 	Berry, John P, Gantar, Miroslav, Gibbs, Patrick D L, Schmale, Michael C	Comp Biochem Physiol C Toxicol Pharmacol (2007 Feb)	145 / 61-72	PubMed Citation ↗
18	Augmented behavioral response and enhanced synaptosomal calcium transport induced by repeated cocaine... 	Mills, K, Ansah, T A, Ali, S F, Mukherjee, S, Shockley, D C	Life Sci (2007 Jul 26)	81 / 600-8	PubMed Citation ↗
19	Arsenic speciation of solvent-extracted leachate from new and weathered CCA-treated wood. 	Khan, Bernine I, Solo-Gabriele, Helena M, Dubey, Brajesh K, Townsend,	Environ Sci Technol (2004 Sep 1)	38 / 4527-34	PubMed Citation ↗

			Timothy G, Cai, Yong			
20	The toxicity of microcystin LR in mice following 7 days of inhalation exposure.	Benson, Janet M, Hutt, Julie A, Rein, Kathleen, Boggs, Susan E, Barr, Edward B, Fleming, Lora E	Toxicon (2005 May)	45 / 691-8	PubMed Citation ↗	
21	Toxicogenomic evaluation of microcystin-LR treated with ultrasonic irradiation.	Hudder, Alice, Song, Weihua, O'Shea, Kevin E, Walsh, Patrick J	Toxicol Appl Pharmacol (2007 May 1)	220 / 357-64	PubMed Citation ↗	
22	The biosynthesis of polyketide metabolites by dinoflagellates.	Rein, Kathleen S, Snyder, Richard V	Adv Appl Microbiol (2006)	59 / 93-125	PubMed Citation ↗	
23	Down-regulation of early ionotropic glutamate receptor subunit developmental expression as a mechan...	Brown, La'Nissa A, Khoushouei, Habibeh, Goodwin, J Shawn, Irvin-Wilson, Charletha V, Ramesh, Aramandla, Sheng, Liu, McCallister, Monique M, Jiang, George C T, Aschner, Michael, Hood, Darryl B	Neurotoxicology (2007 Sep)	28 / 965-78	PubMed Citation ↗	
24	Comment on "Evaluating landfill disposal of chromated copper arsenate (CCA) treated wood and potenti...	Solo-Gabriele, Helena M, Townsend, Timothy G, Khan, Bernine I, Dubey, Brajesh, Jambeck, Jenna, Cai, Yong	Chemosphere (2008 Feb)	70 / 1930-1; author reply 1932-4	PubMed Citation ↗	
25	Allelopathic activity among Cyanobacteria and microalgae isolated from Florida freshwater habitats.	Gantar, Miroslav, Berry, John P, Thomas, Serge, Wang, Minglei, Perez, Roberto, Rein, Kathleen S	FEMS Microbiol Ecol (2008 Apr)	64 / 55-64	PubMed Citation ↗	
26	Cigarette smoke and dopaminergic system.	Miller, Leah R, Mukherjee, Shyamali, Ansah, Twum A, Das, Salil K	J Biochem Mol Toxicol (2007)	21 / 325-35	PubMed Citation ↗	

27	Vehicle-dependent disposition kinetics of fluoranthene in Fisher-344 rats.	Harris, Deacqunita L, Hood, Darry B, Ramesh, Aramandla	Int J Environ Res Public Health (2008 Mar)	5 / 41-8	PubMed Citation ↗
28	Effects of benzo(a)pyrene on intra-testicular function in F-344 rats.	Archibong, Anthony E, Ramesh, Aramandla, Niaz, Mohammad S, Brooks, Cynthia M, Roberson, Shannon I, Lunstra, Donald D	Int J Environ Res Public Health (2008 Mar)	5 / 32-40	PubMed Citation ↗
29	Alteration of fertility endpoints in adult male F-344 rats by subchronic exposure to inhaled benzo(a)...	Ramesh, Aramandla, Inyang, Frank, Lunstra, Donald D, Niaz, Mohammad S, Kopsombut, Prapaporn, Jones, Kea M, Hood, Daryl B, Hills, Edward R, Archibong, Anthony E	Exp Toxicol Pathol (2008 Aug)	60 / 269-80	PubMed Citation ↗
30	Diverse bacterial PKS sequences derived from okadaic acid-producing dinoflagellates.	Perez, Roberto, Liu, Li, Lopez, Jose, An, Tianying, Rein, Kathleen S	Mar Drugs (2008)	6 / 164-79	PubMed Citation ↗
31	Cyanobacterial toxins as allelochemicals with potential applications as algaecides, herbicides and i...	Berry, John P, Gantar, Miroslav, Perez, Mario H, Berry, Gerald, Noriega, Fernando G	Mar Drugs (2008)	6 / 117-46	PubMed Citation ↗
32	Simultaneous speciation of monomethylmercury and monoethylmercury by aqueous phenylation and purge-a...	Mao, Yuxiang, Liu, Guangliang, Meichel, George, Cai, Yong, Jiang, Guibin	Anal Chem (2008 Sep 15)	80 / 7163-8	PubMed Citation ↗
33	Prenatal exposure to benzo(a)pyrene impairs later-life cortical neuronal function.	McCallister, Monique M, Maguire, Mark, Ramesh, Aramandla, Aimin, Qiao, Liu, Sheng, Khoshbouei,	Neurotoxicology (2008 Sep)	29 / 846-54	PubMed Citation ↗

		Habibeh, Aschner, Michael, Ebner, Ford F, Hood, Darryl B			
34	Role of soil-derived dissolved substances in arsenic transport and transformation in laboratory experiments.	Chen, Zhangrong, Cai, Yong, Liu, Guangliang, Solo-Gabriele, Helena, Snyder, George H, Cisar, John L	Sci Total Environ (2008 Nov 15)	406 / 180-9	PubMed Citation ↗
35	Toxicity of cylindrospermopsin, and other apparent metabolites from <i>Cylindrospermopsis raciborskii</i> a...	Berry, John P, Gibbs, Patrick D L, Schmale, Michael C, Saker, Martin L	Toxicon (2009 Feb)	53 / 289-99	PubMed Citation ↗
36	The effect of genetic and environmental variation on metabolic gene expression.	Scott, Cinda P, Williams, Dean A, Crawford, Douglas L	Mol Ecol (2009 Jul)	18 / 2832-43	PubMed Citation ↗
37	The algal hepatotoxin okadaic acid is a substrate for human cytochromes CYP3A4 and CYP3A5.	Guo, Fujiang, An, Tianying, Rein, Kathleen S	Toxicon (2010 Feb-Mar)	55 / 325-32	PubMed Citation ↗
38	Overexpression of Cu/Zn-superoxide dismutase and/or catalase accelerates benzo(a)pyrene detoxificati...	Wang, Zefen, Yang, Hong, Ramesh, Aramandla, Roberts 2nd, L Jackson, Zhou, Lichun, Lin, Xinhua, Zhao, Yanfeng, Guo, Zhongmao	Free Radic Biol Med (2009 Oct 15)	47 / 1221-9	PubMed Citation ↗
39	Identification of okadaic acid production in the marine dinoflagellate <i>Prorocentrum rathymum</i> from F...	An, Tianying, Winshell, Jamie, Scorzetti, Gloria, Fell, Jack W, Rein, Kathleen S	Toxicon (2010 Feb-Mar)	55 / 653-7	PubMed Citation ↗
40	Dietary fat-influenced development of colon neoplasia in Apc Min mice exposed to benzo(a)pyrene.	Harris, Deacquita L, Washington, Mary K, Hood, Darryl B, Roberts 2nd, L Jackson, Ramesh, Aramandla	Toxicol Pathol (2009)	37 / 938-46	PubMed Citation ↗
41	Field-scale leaching of arsenic, chromium and copper from weathered treated wood.	Hasan, A Rasem, Hu, Ligang, Solo-Gabriele, Helena M, Fieber, Lynne,	Environ Pollut (2010 May)	158 / 1479-86	PubMed Citation ↗

		Cai, Yong, Townsend, Timothy G			
42	Transport and interaction of arsenic, chromium, and copper associated with CCA-treated wood in colum...	Hu, Ligang, Diez-Rivas, Cristina, Hasan, A Rasem, Solo-Gabriele, Helena, Fieber, Lynne, Cai, Yong	Chemosphere (2010 Feb)	78 / 989-95	PubMed Citation ↗
43	Effect of benzo(a)pyrene exposure on fluoranthene metabolism by mouse adipose tissue microsomes.	Huderson, Ashley C, Harris, Deacquita L, Niaz, Mohammad S, Ramesh, Aramandla	Toxicol Mech Methods (2010 Feb)	20 / 53-8	PubMed Citation ↗
44	TiO(2) Photocatalytic Degradation of Phenylarsonic Acid.	Zheng, Shan, Cai, Yong, O'Shea, Kevin E	J Photochem Photobiol A Chem (2010 Feb 5)	210 / 61-68	PubMed Citation ↗
45	Human metabolites of brevetoxin PbTx-2: Identification and confirmation of structure.	Guo, Fujiang, An, Tianying, Rein, Kathleen S	Toxicon (2010 Sep 15)	56 / 648-51	PubMed Citation ↗
46	Comparative metabolism of benzo(a)pyrene by ovarian microsomes of various species.	Harris, Deacquita L, Huderson, Ashley C, Niaz, Mohammad S, Ford, J Joe, Archibong, Anthony E, Ramesh, Aramandla	Environ Toxicol (2009 Dec)	24 / 603-9	PubMed Citation ↗
47	Biodegradation of polyether algal toxins--isolation of potential marine bacteria.	Shetty, Kateri G, Huntzicker, Jacqueline V, Rein, Kathleen S, Jayachandran, Krish	J Environ Sci Health A Tox Hazard Subst Environ Eng (2010 Dec)	45 / 1850-7	PubMed Citation ↗
48	Ovarian susceptibility to benzo[a]pyrene: tissue burden of metabolites and DNA adducts in F-344 rats...	Ramesh, Aramandla, Archibong, Anthony E, Niaz, Mohammad S	J Toxicol Environ Health A (2010)	73 / 1611-25	PubMed Citation ↗
49	Prenatal polycyclic aromatic hydrocarbon exposure leads to behavioral deficits and downregulation of...	Sheng, Liu, Ding, Xinxin, Ferguson, Marcus, McCallister, Monique, Rhoades, Raina, Maguire, Mark, Ramesh,	Toxicol Sci (2010 Dec)	118 / 625-34	PubMed Citation ↗

		Aramandla, Aschner, Michael, Campbell, Daniel, Levitt, Pat, Hood, Darryl B			
50	Complexation of arsenite with humic acid in the presence of ferric iron.	Liu, Guangliang, Fernandez, Aymara, Cai, Yong	Environ Sci Technol (2011 Apr 15)	45 / 3210-6	PubMed Citation ↗
51	Biosynthetic origin of the 3-amino-2,5,7,8-tetrahydroxy-10-methylundecanoic acid moiety and absolute...	Liu, Li, Bearden, Daniel W, Rein, Kathleen S	J Nat Prod (2011 Jun 24)	74 / 1535-8	PubMed Citation ↗
52	Extraction tool and matrix effects on arsenic speciation analysis in cell lines.	Yehiayan, Lucy, Membreno, Nellymar, Matulis, Shannon, Boise, Lawrence H, Cai, Yong	Anal Chim Acta (2011 Aug 12)	699 / 187-92	PubMed Citation ↗